



PHILIPS SERVICE

9 Röhren AM/FM Super mit Vorstufe

Technische Daten:

Wellenbereiche: FM: UKW 87,5 — 100 MHz
AM: KW 5,95 — 12,2 MHz
MW 517 — 1612 kHz
LW 150 — 345 kHz

Sicherung: 0,8 A träge bei 220—245 V
1,6 A träge bei 110—125 V

Schaltung: FM: 11 Kreise (HF+HF var. + HF var. + 4 x 2ZF)
AM: 8 Kreise (HFvar.+HFvar. + 3 x 2ZF)

Skalenlampen: 2 x 6,3 V 0,3 A

Leistungsaufnahme: ca. 80 Watt

Tondemodulation: FM: Ratiotektor
AM: Diode

Lautsprecher: 1 x HO 30/914/5 Z=5 Ohm
1 x 9744 Z=5 Ohm

Zwischenfrequenz: FM: 10,7 MHz
AM: 460 kHz

Abmessungen: Breite: 680 mm
Höhe: 420 mm
Tiefe: 280 mm

NF - Teil: Zweikanalverstärkung

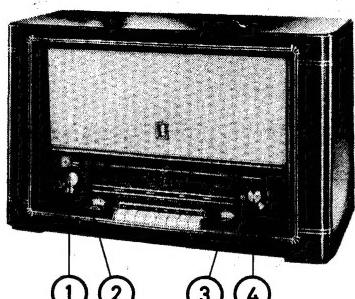
Gewicht: ca. 15 kg

Netzspannungen: 110, 125, 145, 200, 220, 245 V 50 Hz

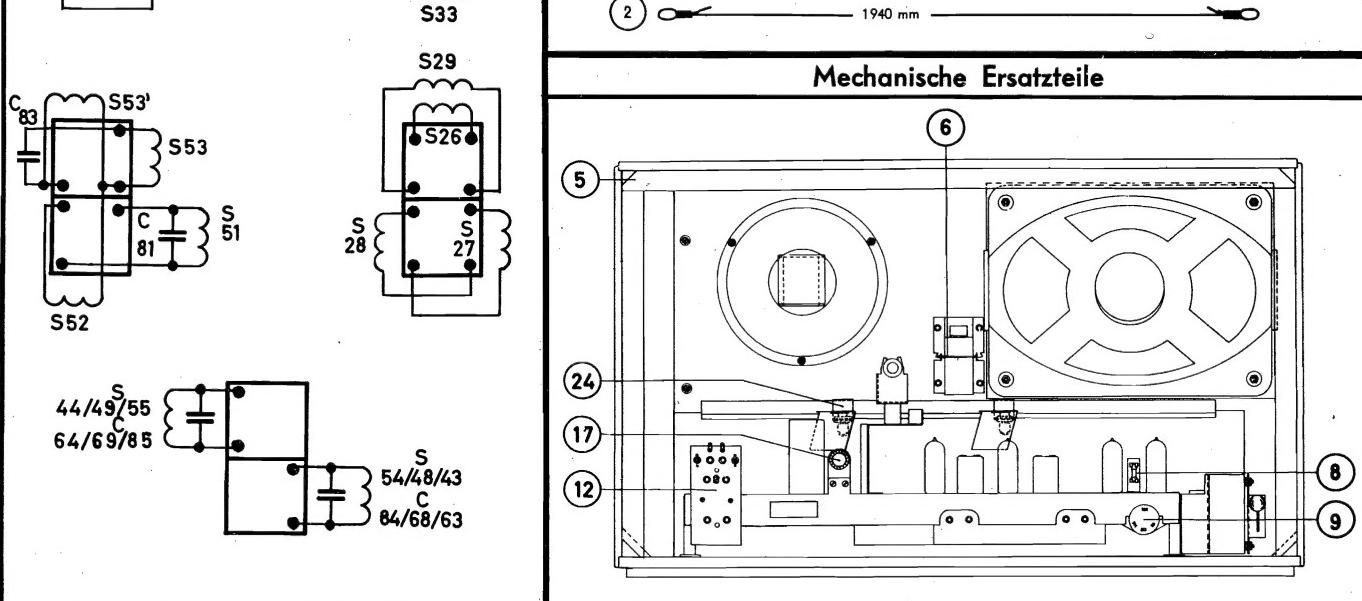
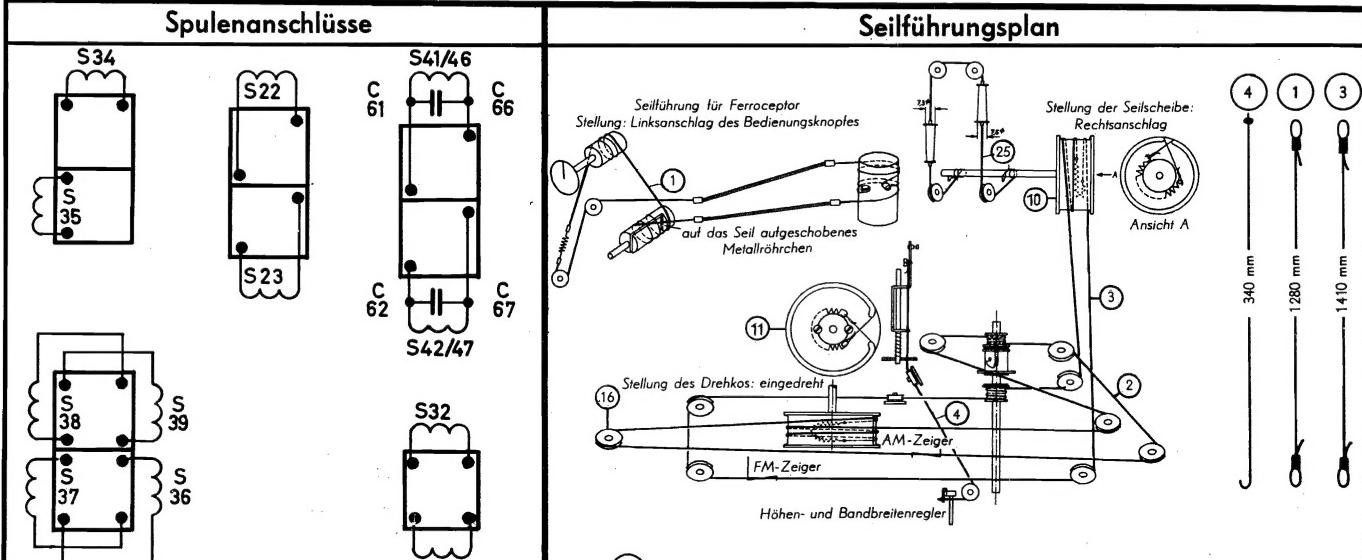
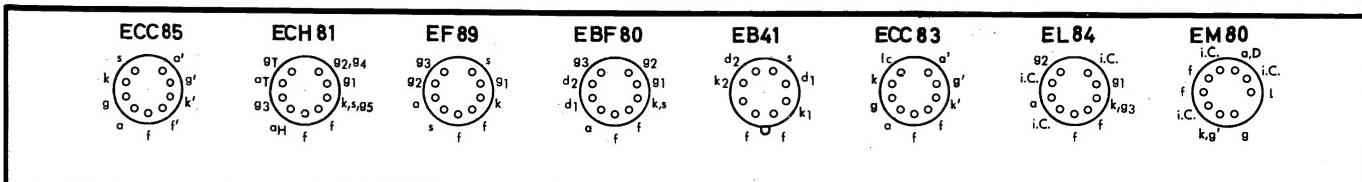
Fertigungssaison: 1954/55

BD643A/01

„Capella 643“



- ① Lautstärkeregler, Zug : Ferroceptor
- ② Baßregler
- ③ Höhen- und Bandbreitenregler
- ④ Abstimmung



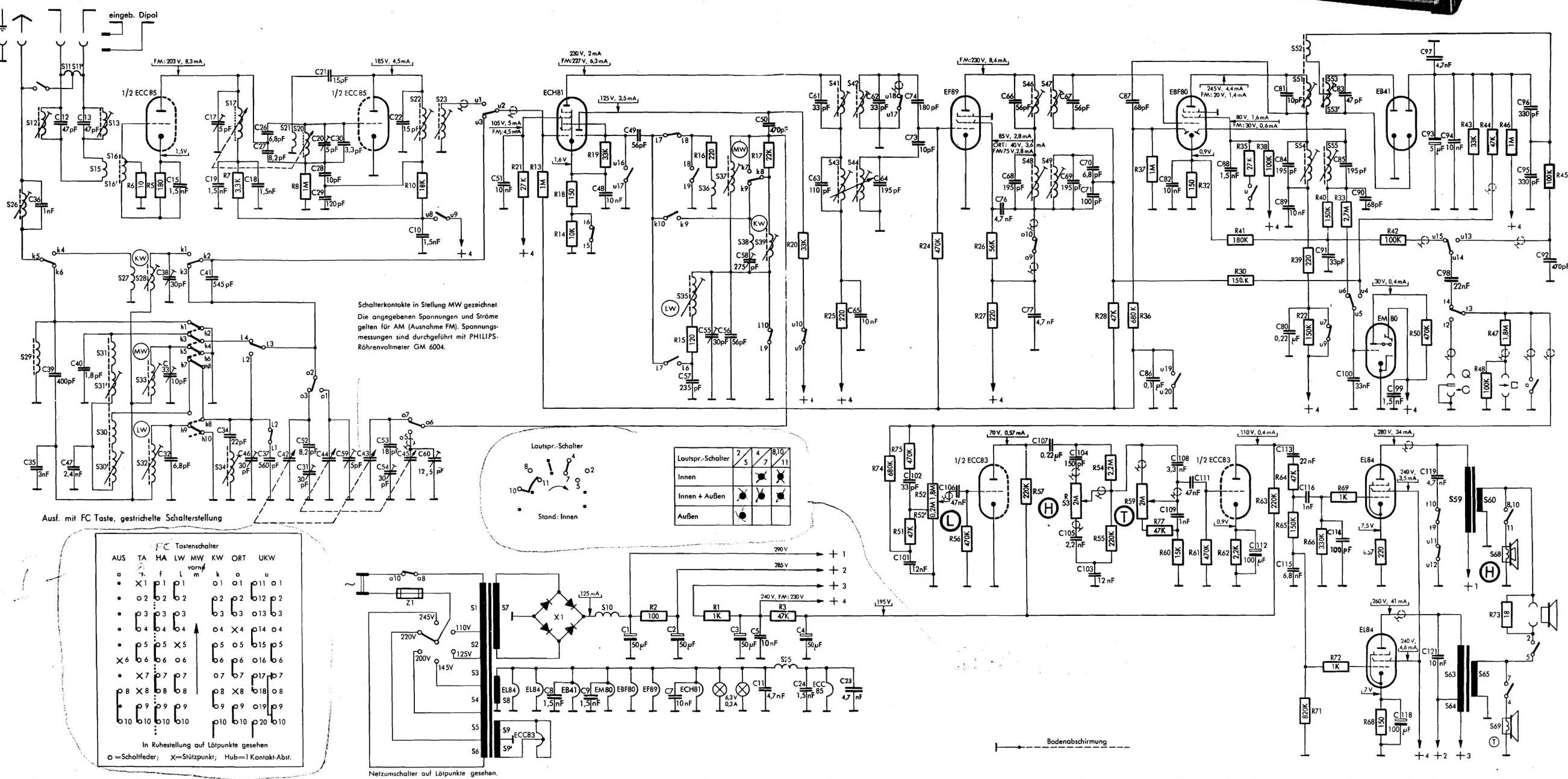
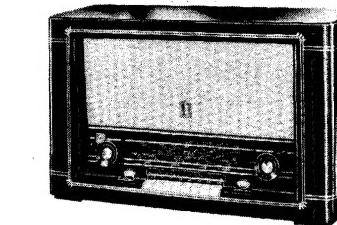
R								C							
Pos.	Wert	Belastg.	Code-Nr.	Pos.	Wert	Belastg.	Code-Nr.	Pos.	Wert	Belastg.	Code-Nr.	Pos.	Wert	Belastg.	Code-Nr.
R 1	1 kΩ	3 Watt	48 468 10 /1K	R 52	1,8 MΩ	POL.	WE 363 26	C 1	50 µF	1	350 385 V	48 317 59/50+50	C 61	33 pF	
R 2	100 Ω	1,5 Watt	48 467 10 /100E	R 52'	0,2 MΩ			C 2	50 µF	1		C 62	33 pF		
R 3	47 kΩ	0,25 Watt	48 555 10 /47K	R 53	2 MΩ	POL.	WE 363 41	C 3	50 µF	1	350 385 V	48 317 59/50+50	C 63		
R 4				R 54	2,2 MΩ	0,25 Watt	48 555 10 /2M2	C 4	50 µF	1		C 64			
R 5	180 Ω	0,25 Watt	48 555 10 /180E	R 55	220 kΩ	0,25 Watt	48 555 10 /220K	C 5	10.000 pF	500 V	48 207 50 /10K	C 65	10.000 pF	500 V	
R 6	10 Ω	0,25 Watt	48 555 10 /10E	R 56	470 kΩ	0,5 Watt	48 555 10 /470K	C 7	10.000 pF	500 V	48 207 50 /10K	C 66	56 pF		
R 7	3,3 kΩ	0,5 Watt	48 556 10 /3K3	R 57	220 kΩ	0,5 Watt	48 556 10 /220K	C 8	1.500 pF	500 V	48 207 50 /1K5	C 67	56 pF		
R 8	1 MΩ	0,25 Watt	48 555 10 /1M	R 58				C 9	1.500 pF	500 V	48 207 50 /1K5	C 68	195 pF		
R 9				R 59	2 MΩ	POL.	WE 363 33	C 10	1.500 pF	500 V	48 207 50 /1K5	C 69	195 pF		
R 10	18 kΩ	0,5 Watt	48 556 10 /18K	R 60	15 kΩ	0,25 Watt	48 555 10 /15K	C 11	4.700 pF	500 V	48 207 50 /4K7	C 70	10 pF	500 V	
R 11				R 61	470 kΩ	0,25 Watt	48 555 10 /470K	C 12	47 pF	1	500 V	48 203 10 /47E	C 71	100 pF	500 V
R 12				R 62	2,2 kΩ	0,25 Watt	48 555 10 /2K2	C 13	47 pF	1	500 V	48 203 10 /47E	C 72	180 pF	500 V
R 13	1 MΩ	0,25 Watt	48 555 10 /1M	R 63	220 kΩ	0,5 Watt	48 556 10 /220K	C 14	1.500 pF	500 V	48 207 50 /1K5	C 73	10 pF	500 V	
R 14	10 kΩ	0,25 Watt	48 555 10 /10K	R 64	47 kΩ	0,25 Watt	48 555 10 /47K	C 15	1.500 pF	500 V	48 207 50 /1K5	C 74	10 pF	500 V	
R 15	120 Ω	0,25 Watt	48 555 10 /120E	R 65	150 kΩ	0,25 Watt	48 555 10 /150K	C 16	5 pF	4V 405 15		C 75	4700 pF	500 V	
R 16	220 Ω	0,25 Watt	48 555 10 /220E	R 66	330 kΩ	0,25 Watt	48 555 10 /330K	C 17	1.500 pF	500 V	48 207 50 /1K5	C 76	4700 pF	500 V	
R 17	22 kΩ	0,25 Watt	48 555 10 /22K	R 67	220 Ω	0,5 Watt	48 556 10 /220E	C 18	1.500 pF	500 V	48 207 50 /1K5	C 77	4700 pF	500 V	
R 18	150 Ω	0,25 Watt	48 555 10 /150E	R 68	150 Ω	1 Watt	48 555 10 /150E	C 19	1.500 pF	500 V	48 207 50 /1K5	C 78	47 pF		
R 19	33 kΩ	0,25 Watt	48 555 10 /33K	R 69	1 kΩ	0,25 Watt	48 555 10 /1K	C 20	5 pF	XU 054 53		C 79	47 pF		
R 20	33 kΩ	1 Watt	48 557 10 /33K	R 70				C 21	15 pF	500 V	48 200 10 /15E	C 80	0,22 pF	500 V	
R 21	27 kΩ	1 Watt	48 557 10 /27K	R 71	820 kΩ	0,25 Watt	48 555 10 /820K	C 22	6,8 pF	500 V	48 208 10 /6E8	C 81	10 pF	500 V	
R 22	150 kΩ	1 Watt	48 557 10 /150K	R 72	1 kΩ	0,25 Watt	48 555 10 /1K	C 23	8,2 pF	500 V	48 208 10 /6E8	C 82	68 pF	500 V	
R 23				R 73	10 Ω		WN 500 11	C 24	10 pF	500 V	48 208 10 /10E	C 83	1.500 pF	500 V	
R 24	470 kΩ	0,25 Watt	48 555 10 /470K	R 74	680 kΩ	0,25 Watt	48 555 10 /680K	C 25	120 pF	500 V	48 203 10 /120E	C 84	10.000 pF	500 V	
R 25	220 Ω	0,25 Watt	48 555 10 /220E	R 75	470 kΩ	0,25 Watt	48 555 10 /470K	C 26	3,3 pF	500 V	48 203 10 /3E3	C 85	195 pF	500 V	
R 26	56 kΩ	1 Watt	48 557 10 /56K	R 76				C 27	30 pF	500 V	48 212 36	C 91	33 pF	500 V	
R 27	220 Ω	0,25 Watt	48 555 10 /220E	R 77	47 kΩ	0,25 Watt	48 555 10 /47K	C 28	6,8 pF	500 V	48 208 10 /6E8	C 92	470 pF	500 V	
R 28	47 kΩ	0,25 Watt	48 555 10 /47K					C 29	10 pF	4V 405 14		C 93	5 pF	70 80 V	
R 29								C 30	3.000 pF	600 V	48 751 10 /3K3	C 94	10.000 pF	500 V	
R 30	150 kΩ	0,25 Watt	48 555 10 /150K					C 31	30 pF	500 V	48 212 36	C 95	330 pF	500 V	
R 31								C 32	30 pF	500 V	48 208 10 /6E8	C 96	330 pF	500 V	
R 32	150 kΩ	0,25 Watt	48 555 10 /150E					C 33	30 pF	500 V	48 203 10 /560K	C 97	4.700 pF	500 V	
R 33	2,7 MΩ	0,25 Watt	48 555 10 /2M7					C 34	30 pF	500 V	48 212 36	C 98	22.000 pF	500 V	
R 34								C 35	400 pF	500 V	48 203 10 /400E	C 99	15.000 pF	500 V	
R 35	27 kΩ	0,5 Watt	48 556 10 /27K					C 36	1.000 pF	500 V	48 751 10 /1K	C 100	33.000 pF	500 V	
R 36	680 kΩ	0,25 Watt	48 555 10 /680K					C 37	560 pF	500 V	48 203 10 /560K	C 101	12.000 pF	500 V	
R 37	1 MΩ	0,25 Watt	48 555 10 /1M					C 38	30 pF	500 V	48 212 36	C 102	33 pF	500 V	
R 38	100 kΩ	1 Watt	48 557 10 /100K					C 39	400 pF	500 V	48 203 10 /10E	C 103	12.000 pF	500 V	
R 39	22														



PHILIPS SERVICE

• 4607 •

BD 643A/01
„Capella 643“



\$ 26,29,12,11,11,13,15,31,31,30,30,16,16,27,28,33,32, 34,17, 21, 20, 22, 23, 1,2,3,4,5,6,7,8,9,10, 21, 13, 18,14, 19, 2, 15, 16, 1, 17, 3, 20, 25, 41, 43, 42, 44, 46, 48, 47, 49, 52,51,54,53,53,55, 59,63,64,60,65,68,69, \$
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